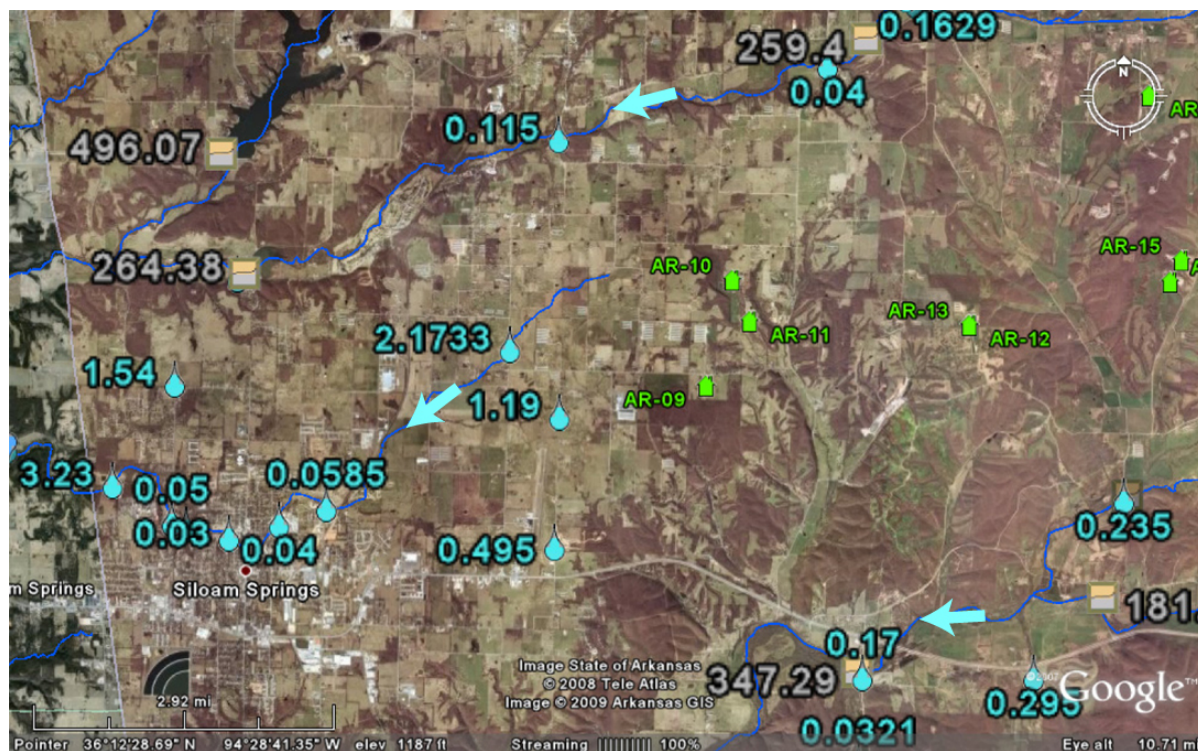


3.11 Site AR-11

Owner: J. Roberts; Long -94.453933 Lat 36.216483



- **Available Data and Analysis:** No downstream samples have been collected for >11 miles downstream from the site. There are no sediment, groundwater, soil, or edge-of-field samples affiliated with this site.
- **Site Effect on the Watershed:** Based on the available data and analysis, this site has not affected receiving waters or sediments of the IRW.

3.12 Site AR-12

Owner: Breeder Farm #4; Long -94.415916 Lat 36.215933



- Available Data and Analysis:** No soil, groundwater, or edge-of-field samples have been collected on this site. The nearest downstream sediment sample (268 mg/kg P) is >2.5 miles away. The co-located surface water sample (P = 0.12 mg/L) was collected downgradient from the confluence between the receiving stream and drainage from the AR-12 area. More than six miles upstream, surface water contained 0.17 mg/L P. There are other potential anthropogenic P sources between AR-12 and this surface water sample. See Appendix B. The next downstream surface water sample (0.032 mg/L P) was collected >10 miles downstream.
- Site Effect on the Watershed:** Based on the available data and analysis, site AR-12 has not affected receiving waters or sediments of the IRW.

3.13 Site AR-13

Owner: Breeder Farm #3; Long -94.415916 Lat 36.215933



- Available Data and Analysis:** No soil, groundwater, or edge-of-field samples have been collected on this site. The nearest downstream sediment sample (268 mg/kg P) is >2.5 miles away. The co-located surface water sample (P = 0.122 mg/L) was collected downgradient from the confluence between the receiving stream and drainage from the AR-13 area. There are other potential anthropogenic P sources between AR-13 and this surface water sample. See Appendix B. The next downstream surface water sample (0.032 mg/L P) was collected >10 miles downstream.
- Site Effect on the Watershed:** Based on the available data and analysis, site AR-13 has not affected receiving waters or sediments of the IRW.

3.14 Site AR-14

Owner: L. Rutherford; Long -94.385133 Lat 36.247800



- Available Data and Analysis:** No soil, sediment, groundwater, or edge-of-field samples have been collected at the site. Surface water samples in the vicinity of Springdale (~2.7 miles from AR-14) have higher P, but are not along the drainage area for this location. The nearest downstream sediment sample (268 mg/kg P) is more than two miles away. The co-located surface water sample ($P = 0.122$ mg/L) was collected downgradient from the confluence between the receiving stream and drainage from the AR-14 area. There are other potential anthropogenic P sources between AR-14 and this surface water sample. See Appendix B. The next downstream surface water sample (0.032 mg/L P) was collected >10 miles downstream.
- Site Effect on the Watershed:** Based on the available data and analysis, site AR-14 has not affected receiving waters or sediments of the IRW.

3.15 Site AR-15

Owner: Breeder Farm #2; Long -94.379066 Lat 36.224983



- Available Data and Analysis:** No soil, groundwater, or edge-of-field samples have been collected on this site. The nearest downstream sediment sample (268 mg/kg P) is more than two miles away. The co-located surface water sample (P = 0.122 mg/L) was collected downgradient from the confluence between the receiving stream and drainage from the AR-15 area. There are other potential anthropogenic P sources between AR-15 and this surface water sample. See Appendix B. The next downstream surface water sample (0.032 mg/L P) was collected >10 miles downstream.
- Site Effect on the Watershed:** Based on the available data and analysis, site AR-15 has not affected receiving waters or sediments of the IRW.